

**DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe that I am the original, first, and sole inventor (if only one name is listed below) or I and the other persons listed below are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention or discovery entitled:

**PLANAR GEOMETRY BURIED JUNCTION INFRARED DETECTOR AND FOCAL  
PLANE ARRAY**

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

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(Application No.)

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(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below.

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(Appl. No.)

(Filing Date)

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(Status: Patented, Pending,  
Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with Customer Number 29937 as my/our attorneys or agents to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and direct all correspondence be addressed to the address associated with that Customer Number.

Customer Number: 29937



29937

PATENT & TRADEMARK OFFICE

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Full name of sole or first joint inventor:

Pradip \_\_\_\_\_ MITRA \_\_\_\_\_  
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